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PTO/SB/21 (08-00)

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

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| Application Number | 10/684,545 |
| Filing Date | October 14, 2003 |
| First Named Inventor | Tianniu Chen, et al. |
| Group Art Unit | TBA |
| Examiner Name | TBA |
| Attorney Docket Number | ATMI-676 |

Total Number of Pages in This Submission

ENCLOSURES (check all that apply)

| | | |
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| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) | <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): |
| <div>Remarks</div> | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|-------------------------|-----------------------------------|
| Firm or Individual name | William F. Ryann, Reg. No. 44,313 |
| Signature | |
| Date | 1-27-04 |

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| Type or printed name | Lee Ann DiLello | |
| Signature | | Date |
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ATMI-676
Customer ID No.: 25559

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Tianniu Chen, et al.

Group Art Unit: TBA

U.S. Application No.: 10/684,545

Examiner: TBA

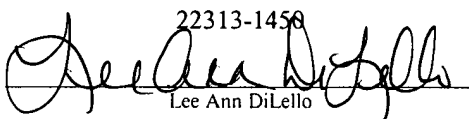
Filed: October 14, 2003

Title: Tantalum Amide Complexes for Depositing Tantalum-Containing Films, and Method of Making Same

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
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Sir:

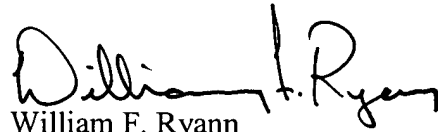
Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required in accordance with 37 CFR § 1.56 and § 1.97(b).

- ☐ 2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.
- ☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was the first citation of such item by a foreign patent office in a counterpart foreign application, which occurred no more than three months prior to filing the Information Disclosure Statement. 37 C.F.R. §1.97(e)(1).
- ☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. §1.97(e)(2).
- ☐ c. Attached is our check no. ____ in the amount of \$180 in payment of the fee under 37 C.F.R. §1.17(p). Please credit or debit Deposit Account No. 50-0860 as needed to ensure consideration of the disclosed information. Two duplicate copies of this paper are attached.
- ☐ 3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Applicant(s) hereby petition(s) that the Information Disclosure Statement be considered. Attached is our check no. ____ in the amount of \$130.00 in payment of the petition fee under 37 C.F.R. §1.17(i)(1). Please credit or debit Deposit Account No. ____ as needed to ensure consideration of the disclosed information. Two duplicate copies of this paper are attached.
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- ☐ 4. (other):

Applicant does not believe that any additional fee is due in connection with the foregoing.
However, any deficiencies may be charged to the deposit account 50-0860.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "William F. Ryann". The signature is fluid and cursive, with the first name "William" being the most prominent part.

William F. Ryann

Registration No. 44,313

Attorney for Applicant

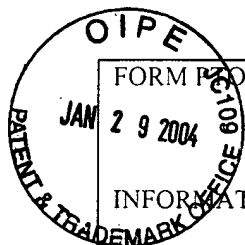
Date: 1-27-04

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Danbury, CT 06810

Attorney Ref: ATMI-676



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| FORM PTO-1449 | | US Dept. of Commerce Patent and Trademark Office | | ATTORNEY DOCKET NO. ATMI-676 | | SERIAL NO. 10/684,545 | |
| INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary) | | | | APPLICANT Tianniu Chen, et al. | | | |
| | | | | FILING DATE October 14, 2003 | | GROUP TBA | |
| | | | | | | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER INITIAL | PATENT NUMBER | ISSUE DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | |
| AA | 5,820,664 | 10/13/1998 | Robin A. Gardiner, et al. | | | | |
| AB | 5,204,314 | 4/20/1993 | Peter S. Kirlin | | | | |
| AC | 5,711,816 | 1/27/1998 | Peter S. Kirlin | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | DOCUMENT NUMBER | PUBLICATION DATE | COUNTRY | CLASS | SUBCLAS S | TRANSLATION YES NO | |
| | | | | | | X (abstract only) | |
| OTHER DOCUMENTS (Including Author, Title, Journal-Date, Page Number, Etc.) | | | | | | | |
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